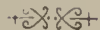


COUNTY OF WARWICK.



*With the Compliments of the
School Medical Officer.*



WARWICKSHIRE COUNTY COUNCIL.

EDUCATION COMMITTEE.

REPORT OF SCHOOL MEDICAL OFFICER.

February 10th, 1922.

TO THE EDUCATION COMMITTEE,
WARWICKSHIRE COUNTY COUNCIL.

MR. CHAIRMAN, MY LORD, LADIES AND GENTLEMEN,

1. I beg to present my Report for the year ended 31st December, 1921, on the work of the School Medical Service in the Administrative County of Warwick under the Education (Administrative Provisions) Act, 1907, and the Education Act, 1918.

2. Although there has been little extension of the service during the year under review, the arrangements previously made for Medical Inspection and Treatment have been consolidated and perfected as far as circumstances would allow. Much more would have been achieved but for the economy campaign which has inhibited development in almost every direction.

3. It is however gratifying to record that in spite of these difficulties a still larger number of children in Elementary Schools has been medically examined—18,903, as against 17,909 in the previous year, and in addition 1312 Secondary School children and 274 pupils attending Continuation Schools have been medically examined.

MEDICAL STAFF.

4. The Assistant Medical Staff has remained numerically the same, the only change in personnel being occasioned by the resignation towards the end of the year of Dr. W. H. Sutcliffe, who was succeeded early in the present year by Dr. J. Watson Simpson. Mr. B. M. Martin continued his work without assistance as Dental Surgeon, and Drs. T. Harrison Butler, W. H. Brazil and R. F. Jones acted again as part-time Ophthalmic Surgeons.

SCHOOL NURSING STAFF.

5. With a view to effecting economy in administration, the staff of Health Visitors, who also act as School Nurses, was reduced early in the year from eighteen to sixteen, this number including the Superintendent, Miss M. S. Lowe. This reduction in number without any corresponding reduction in activities already undertaken,—which necessitated an augmented School Nursing Staff,—such as the medical inspection of the intermediate group of school children, additional School Clinics for Minor Ailments, Refraction Clinics, etc., has made administration extremely difficult, and credit is due to the Superintendent for the able manner in which she has disposed of the forces under her command, so that the service might suffer as little as possible.

6. It is however questionable whether it is in reality economical to reduce a staff and in consequence have to overwork the remainder. Sickness among its members has to be taken into consideration, and in this respect it is of interest to note that during the year 269 days work were lost on this account in connection with the Health Visiting Staff.

CO-ORDINATION.

7. This question was fully considered in my last Annual Report and there is nothing further to add.

THE SCHOOL MEDICAL SERVICE IN RELATION TO ELEMENTARY SCHOOLS. SCHOOL HYGIENE.

8. In the Administrative County there are 319 Schools and Departments having a school population of approximately 37,500.

9. Owing to the need for the strictest economy very few structural improvements have been carried out during the year, only those conditions being remedied which were shewn to be actually detrimental to the health of the scholars. Inspection of the schools has disclosed the fact that many of them require redecorating, and so long as they remain in their present dirty condition they must surely be a constant menace to health. It is hoped therefore that at least the worst of these will be attended to in due course.

EXTENT AND SCOPE OF MEDICAL INSPECTION AS CARRIED OUT IN 1921.

10. (a) Routine Medical Inspection of Entrants, of Children of the Intermediate Age group and of Leavers, has been continued as formerly. Of these three divisions there have been examined :—Entrants, 4,686 ; Intermediate Group, 3,306 ; and Leavers, 4,917. In addition, 1,489 " Specials " have been examined at Medical Inspection, 2,659 at School Clinics, and 1,846 Children found defective at previous Inspections have been re-examined, making a total of 18,903 examinations during the year. Special visits, at the request of the Chief School Attendance Officer, have been paid to 341 Children, with a view to deciding as to their fitness or otherwise to attend School.

11. The Medical Inspection of 1,312 Secondary School Children and of 274 Pupils attending Continuation Schools, has also been undertaken during the year. Of the Secondary School Children, Dr. Katherine Scott was responsible for the examination of 65 Boys and 1,014 Girls, Dr. Bracey and Dr. Roberts for 233 Boys, details of which will be found in the Appendix.

12. In addition, 196 Re-Examinations have been made of Secondary School Children found defective at previous examinations.

13. (d) In no instance has Medical Inspection had to be undertaken outside the School Premises, and School Closure has been necessitated only at 14 small Schools.

FINDINGS OF MEDICAL INSPECTION.

14. Of 12,909 children examined at Medical Inspection, excluding " Specials," 2,081, or 16 per cent., were referred for treatment. If " Specials " were included, the number of children examined amounts to 17,057, with 5,251 referred for treatment, or 30 per cent.

(a) UNCLEANLINESS.

15. Of 17,057 children examined at Medical Inspection, only 510 were found with heads so dirty as to necessitate the sending of a "head card," containing instructions how to cleanse. This comparatively small number is due to the fact that the children are continually surveyed in the Schools by the Health Visitors, who follow up in the Homes those children whose heads they find unclean.

16. Including all children examined at Medical Inspection, 20,989 children have been thus surveyed by the Health Visitors for uncleanness. Of these, 954 were found to be verminous, and 2,159 had nits in their hair, a total of 14·8 per cent. of unclean heads.

17. During the previous year, 33,677 children were surveyed by the Health Visitors for uncleanness, representing a reduction this year of 12,688. This is, without doubt, due to reduction in the Staff and the endeavour to keep all other Health Visiting activities in operation.

(b) MINOR AILMENTS.

18. 1,939 children suffering from Minor Ailments were referred for treatment, or 11·3 per cent. of all children examined.

(c) TONSILS AND ADENOIDS.

19. 963 children, or 5·5 per cent. of all children examined, were referred for treatment for Enlarged Tonsils and Adenoids.

(d) TUBERCULOSIS.

20. Only ten children, or 0·05 per cent., were found to be suffering from definite Pulmonary Tuberculosis. In addition to this number, 39, or 0·22 per cent., were registered as suspected cases, and referred for treatment.

21. Of non-pulmonary forms of Tuberculosis, 29, or 0·16 per cent., were referred for treatment. Of these, eleven were glandular, one spinal, nine Hip Joint Disease, and eight other forms of Surgical Tuberculosis.

(e) SKIN DISEASE.

RINGWORM.

22. 223 new cases of Ringworm were discovered at Medical Inspection, 157 being scalp infections and 66 body ringworm. Along with the old cases under treatment at the end of the previous year, a total of 532 cases have been under observation during the year, representing a Ringworm incidence of 1·4 per cent.

SCABIES.

23. 284 cases of Scabies have been discovered and referred for treatment, as compared with 520 in the previous year.

IMPETIGO.

24. 1,668 cases of Impetigo have been excluded from School and followed up by the Health Visiting Staff, representing an incidence of 4·4 per cent. of all children of school age.

25. Of other skin diseases 323 have been referred for treatment.

(f) EXTERNAL EYE DISEASE.

26. 132 cases of External Eye Disease were referred for treatment, and 110 cases of Squint, as compared with 137 and 112 respectively during the previous year.

(g) DEFECTIVE VISION.

27. 649 cases of Defective Vision, excluding Squint, were referred for treatment. Of all children examined, this represents a percentage of 3·8, but in order to obtain a truer estimate of the amount of Defective Vision present among School Children, those only should be considered who were examined at Routine Medical Inspection, excluding En-trants and Special cases. This represents 479 cases referred for treatment, or 2·8 per cent.

(h) EAR DISEASE AND HEARING.

28. 117 cases of Ear Disease were recorded, 0·6 per cent., and 0·9 per cent. were referred for treatment on account of deafness.

RE-EXAMINATIONS OF CHILDREN FOUND DEFECTIVE AT PREVIOUS INSPECTIONS.

29. Re-examinations were made of 1,846 children found defective at previous exam-inations, and of these 58·8 per cent. were remedied, 16·6 per cent. improved, and 24·4 per cent. unchanged. These results compare favourably with those of the previous year, when 50·6 per cent. were remedied, 13·4 per cent. improved, and 36 per cent. unchanged.

TABLE OF RE-EXAMINATIONS.

Condition.	Remedied.	Improved.	Unchanged.	Total.
Clothing	—	2	1	3
Footgear	3	1	—	4
Cleanliness of Head	5	1	1	7
Cleanliness of Body	4	4	3	11
Nutrition	3	2	1	6
Nose and Throat	478	111	262	851
External Eye Disease	33	5	8	46
Ear Disease	46	22	20	88
Teeth	3	1	2	6
Heart and Circulation	11	15	5	31
Lungs	25	16	6	47
Nervous System	1	3	—	4
Skin	35	—	—	35
Rickets	—	—	1	1
Deformities	3	4	3	10
Tuberculosis, non-pulmonary	5	4	1	10
Speech	—	—	1	1
Mental Condition	1	1	—	2
Vision and Squint	349	81	107	537
Hearing	1	—	—	1
Miscellaneous	81	35	29	145
	1,087	308	451	1,846

INFECTIOUS DISEASE.

30. The practice of notification of Infectious Disease by Head Teachers and School Attendance Officers has continued as formerly. Closure for varying periods was necessitated in 80 Departments, as against 82 during 1920 ; 27 on Account of Measles, 26 Mumps, 14 Whooping Cough, 8 Scarlet Fever, 4 Diphtheria and 1 Influenza.

FOLLOWING UP.

31. With the reduction of the Health Visiting Staff effected early in the year, the number of visits to children found defective at Medical Inspection has fallen from 9643 to 7025 ; an average of 468 for each Health Visitor as compared with an average of 567 during the previous year. The fall in the average number of visits is due to the larger districts now covered by the remaining staff, to the continuance of Maternity and Child Welfare activities on the same scale as the previous year, and to the fact that 269 days were lost through sickness by several members of the Staff.

32. 3,514 new cases were " followed up " by the Health Visitors, as against 4,210 in 1920, and 606 cases were carried forward from the previous year. In addition, 7,136 defects, including unclean heads, were kept under observation, making a total of 11,256 cases. Of these, 10,198 received treatment either under the scheme provided by the Education Committee, through Medical Practitioners, or by the parents in those cases where the defect was due to uncleanliness.

MEDICAL TREATMENT.

33. The facilities for treatment already provided by the Education Committee were taken full advantage of during the year under review, and were still further developed in respect of Minor Ailments and Defective Vision. If treatment can be continued on these lines the future well-being of Warwickshire school children should, to a large degree be secured, and an effective return obtained for expenditure, which at present may to some appear heavy and unwarrantable. It cannot be gainsaid that a healthy manhood and womanhood is a state asset of the highest value, and this can only be obtained by remedying the defects of childhood, which would, if untreated, prove detrimental both to the physical and intellectual development of the individual. The chief aim of Medical Inspection is to discover early the defects and disorders of childhood so that they may receive efficient treatment at a time when the defect is remediable, and so prevent the development of the permanently afflicted, whose maintenance costs the Country so dear.

34. Treatment therefore is the natural corollary of Medical Inspection, and as a sound economic proposition should be provided for at all costs.

(a) MINOR AILMENTS CLINICS.

35. During the year two new Minor Ailments Clinics were provided, one at Foleshill and one at Stockton, making a total of nine such Clinics throughout the County. The small Clinic at Polesworth, held in the Polesworth Central School, was discontinued towards the end of the year, as the numbers dealt with hardly justified its continuance.

36. The work carried out at the various Clinics may be summarised briefly as follows :—

Warwick	..	317 children treated, making	1,212 attendances.	
Kenilworth	..	194	705	..
Rugby	.. ..	568	1,093	..
Stratford-on-Avon	180	307	..	
Atherstone	..	468	1,065	..
Bedworth	..	552	1,673	..
Polesworth	..	170	323	..
Foleshill	.. ..	170	383	..
Stockton	..	40	105	..
		<hr/>	<hr/>	
Total	..	2,659	6,866	..
		<hr/>	<hr/>	

(b) TONSILS AND ADENOIDS.

37. In my last Annual Report reference was made to an arrangement made with the Warneford Hospital, Leamington, for the operative treatment of cases of Enlarged Tonsils and Adenoids at a cost of one guinea per head. This scheme materialised in the early part of the year, and full advantage has been taken of the facilities provided.

38. Under the Education Committee's Scheme, which includes treatment at the undermentioned Hospitals, at the Nuneaton School Clinic and by a few approved Practitioners throughout the County, 571 cases were operated upon as compared with 480 during 1920 and 181 during 1919 :—

Tamworth Hospital	137
Stratford-on-Avon Hospital	66
St. Gerard's Hospital, Coleshill	48
Coventry and Warwickshire Hospital	70
Hospital of St. Cross, Rugby	85
Warneford Hospital, Leamington	86
Nuneaton School Clinic	10
Practitioners (approved)	69
Total ..	571

39. In addition to the cases operated upon, 148 received other forms of treatment, representing a percentage of treated cases of 74, whereas the percentage of cases receiving operative treatment only was 59·3.

(c) TUBERCULOSIS.

40. Ten cases of definite Pulmonary Tuberculosis and 39 suspected cases as compared with 30 and 58 respectively in the previous year, were referred for treatment and all received some form of treatment either from the Tuberculosis Officer or through their own family doctors.

41. Thirteen cases of bone and joint Tuberculosis referred for treatment were dealt with on the recommendation of the Tuberculosis Officer at various Hospitals and Sanatoria approved for this purpose.

(d) SKIN DISEASE.

42. There was a considerable reduction in the prevalence of Scabies during the year, 284 cases being excluded as against 520 in the previous year. All received treatment with the exception of two who were notified late in the year.

43. X-RAY TREATMENT OF RINGWORM was provided for as formerly at the Warneford Hospital, Leamington, Coventry School Clinic, Birmingham School Clinic and at Rugby. Ninety-five cases were successfully treated as against 46 in the previous year.

44. Hitherto the Birmingham Education Authority have been able to undertake the treatment of not more than 20 County cases per annum, but the demand for treatment in the Northern part of the County is considerably in excess of this number. In order to deal effectively with this problem provision should be made if possible for at least 40 cases to be treated at the Birmingham Clinic, this being the most accessible Clinic for the North of the County.

45. Considerable delay has been experienced in the X-ray treatment of County children at the Coventry School Clinic, owing no doubt to the large number of City cases awaiting treatment. Advantage should therefore be taken of any extended facilities that may be offered by the Birmingham Authorities, who, I understand, are re-organising their X-ray Department at present, and may be able in the near future to undertake the treatment of an additional number of County cases.

46. It is gratifying to record that in no instance did permanent baldness result from this treatment, although it is to be regretted that in some cases depilation was slow and imperfect, necessitating prolonged after-treatment or re-exposure to the rays.

(e) DEFECTIVE VISION.

47. 759 cases of Defective Vision, including Squint, were referred for treatment during the year, and of these 549, or 72·3 per cent. were refracted under the Education Committee's Scheme, as compared with 63·9 per cent. during the previous year.

48. The Warwick Eye Clinic, held at the County Health Centre, Warwick, under the supervision of Dr. Harrison Butler, has proved a marked success. This Clinic was opened in January, 1921, and during the year 151 children have been treated.

49. Refractions have been carried out under arrangements already in operation throughout the County as follows :—

Stratford-on-Avon Hospital	..	..	..	..	73
Coventry School Clinic	..	..	..	..	122
Warwick Eye Clinic	..	..	..	..	151
Dr. Jones of Tamworth	..	..	..	..	80
Dr. Bracey, Assistant County Medical Officer	..	..	..	..	123
Total					549

50. At all the Clinics parents purchase spectacles at contract prices, the Education Committee assisting only in necessitous cases, both in respect of the provision of spectacles and railway fares to Hospitals or Clinics. During the year under review the cost to the Authority for spectacles amounted to £9 13s., and for railway fares, £5 9s. 3d.

(f) EAR DISEASE AND HEARING.

51. 174 cases of Ear Disease and Deafness were referred for treatment, and of these 125 received treatment and 49 cases remote from the School Clinics received unsatisfactory treatment or no treatment at all.

(g) DENTAL DEFECTS.

52. The need for economy has unfortunately considerably curtailed the original scheme for the dental treatment of children throughout the County. Although your Committee, on my advice, recommended the appointment of a second Dental Surgeon, the Council decreed otherwise, and consequently only comparatively few of those children requiring treatment have had the advantage of the services of the School Dentist.

53. The age group of 6 to 8 years was again selected for inspection and treatment, the schools dealt with during the year including those at Rugby, Stratford-on-Avon, Alcester, Kenilworth, Southam, Atherstone, Polesworth, Dordon, Warton, Coleshill, Knowle, Solihull and Shirley. During the previous year children of the same age group were examined at Warwick, Rugby, Stratford-on-Avon and Bedworth. With the staff limited to one School Dentist it does not seem desirable, in my opinion, to extend this area of treatment further, but rather to concentrate attention on those schools already dealt with in order to follow up and revise those children who have already received dental treatment, thereby completing and perfecting his previous work.

54. The results of Dental Treatment appear in tabular form in the Appendix—Table IV.(d).

55. 2,688 children were inspected and 1,846, or 68 per cent., referred for treatment. Of these 1,133 actually received treatment and 215 received treatment a second time.

56. Mr. B. M. Martin, School Dentist, reporting on his work during 1921, says :—

“ I advised in my last report the lowering of the age group 6—8 to 5—8. I am still of this opinion. Important teeth could be saved if this were done and so many extractions would not be necessary. A good many children in the schools, I find, at the age of 6 years are, to use a common expression, ‘ all nerves.’ It may be interesting to record the views of a Head Teacher at one of the big infant schools. She put it down to the fact that they were 1915 children—born during the late war. So one had to be very tactful and patient, and at this age the children take more interest, naturally, in having a filling done instead of an extraction.

57. “ I advocated the provision of tooth brushes in my last report, but I am glad to be able to say that a good proportion of the mothers keep their children’s teeth in a very decent state.

58. “ Lectures were given by me on the ‘ Care and Preservation of the Teeth ’ at the Infant Welfare Centres of Binley, Bedworth and Kenilworth, during Health Week, to the mothers present. There was a good attendance and an intelligent interest was displayed by them. My remarks were couched in simple and plain language and questions were asked at the end.

59. “ I must repeat my remarks in the 1920 report, that one School Dentist is insufficient for the dental treatment of the school children of the County. All the large towns have now been visited—but a visit every six months is necessary in order to keep treatment effective, Dental Inspection to my mind being as necessary as Medical Inspection. As a result of Medical Inspection I am often told that the teeth of the children inspected are in a bad state—but one can’t be everywhere.

60. “ I should like to point out that I consider that the fee of 2s., now charged the parents instead of 1s. originally charged, will prevent many from applying for treatment, there being so much unemployment about, 2s. being a consideration if there are two or three children in one family needing treatment.

61. “ I must thank you for all your advice and help to me during my work, also the Health Visitors and Head Teachers, the Health Visitors being one and all most enthusiastic and kind—this is a great help in doing dental treatment to young children.”

(h) CRIPPLING DEFECTS AND ORTHOPÆDICS.

62. No provision was made by your Committee during the year under review for the treatment of cripples, but any defect of a tuberculous character is referred to the Tuberculosis Officer, who obtains the required Hospital treatment through the Joint Committee for Tuberculosis. Thirteen cases were dealt with in this manner. Non-tuberculous defects such as Infantile Paralysis or Congenital Deformities are recommended to General or Orthopædic Hospitals and dealt with there as ordinary in-patients, but no contribution is made to the Hospitals in respect of their maintenance.

63. A sum of £20 was provided last year for the provision of surgical apparatus for physically defective children, such as surgical boots, splints, etc., in necessitous cases, but only one such case was dealt with during the year.

PHYSICAL TRAINING.

64. Mr. P. R. Marsh, Organiser of Physical Training in the County, has kindly submitted the following interesting Report on his work during the past year:—

“ During the past year considerable progress has been made on the lines mentioned in my last report, when the general scheme was dealt with at some length. Further classes for teachers have been held both in areas not previously dealt with and in those districts in which the teachers have been found to have established the elementary principles of Physical Education. The object of these further courses has been to enable those teachers to make further progress in their schools, and special attention has been given to the development of the ‘ team ’ spirit in both Physical Exercises and Games.

65. “ During my frequent visits to schools I have been pleased to note a general improvement in the quality of the work done. The majority of the teachers have now a more definite aim before them and are working steadily upon correct lines ; they are, too, taking a much broader view of Physical Education, and whilst devoting due time to Physical Exercises are including Country Folk Dancing and Organised Games.

66. “ Swimming has again been taught in the centres where possible. This year the whole of the bathing was taken by members of the school staffs, instead of by other persons specially employed. Steps have been taken to make the teachers more familiar with the most desirable methods of teaching Swimming, and on the whole the results obtained were more satisfactory than in former years.”

PROVISION OF MEALS.

67. The sum of £500 was again included in the Estimates for the provision of Meals for School Children, but at no time was the result of unemployment so serious as to necessitate the opening of Kitchens by the Local Education Authority. Recourse, however, was again had to the Public Kitchen provided by the City of Coventry, from which free meals were supplied to a number of necessitous County children residing on the outskirts of Coventry. The expenditure during the year in this respect was £160 5s. 0d.

CO-OPERATION OF PARENTS AND TEACHERS.

68. Parents continue to take, on the whole, an active interest in the Medical Inspection and treatment of their children. During the year 6,395 parents, or 44·4 per cent., attended Medical Inspection, as against 40 per cent. in the previous year, quite a satisfactory proportion considering the rural character of a large portion of the County.

69. Without encouragement from, and the willing help of, the Head Teachers, Medical Inspection would not be the success it is to-day. The thanks of the Medical and School Nursing Staff is due to the Teachers for their ready co-operation and kind assistance at all times. The influence of the Teacher can be readily felt in many Schools where defects discovered at Medical Inspection are remedied without delay. An occasional reminder is frequently all that is necessary to ensure treatment being obtained before the next visit of Doctor or Nurse.

CO-OPERATION OF SCHOOL ATTENDANCE OFFICERS.

70. Much useful work has again been accomplished by the School Attendance Officers in following up absentees and in referring to the School Medical Staff cases of doubt in order to obtain a pronouncement as to their fitness or otherwise to attend school. 341 such cases were referred during the year.

71. On the other hand the help of the School Attendance Department is sought in cases where the School Nurses have been unable to induce parents to obtain the required treatment for their children ; 80 such cases were referred to this Department

for stimulation. Prosecution for neglect was resorted to in five cases only, 3 under Sec. 12 of the Children Act, 1 under the Attendance Bye-laws and 1 by the N.S.P.C.C. Of the three cases taken under the Children Act, two were withdrawn and in one a fine of 20s. was imposed with 5s. costs. In the case taken under the Attendance Bye-laws on account of Verminous Head, a fine of 10s. was imposed. That under the N.S.P.C.C. resulted in a fine being imposed of £5, the mother being sentenced to three months imprisonment.

BLIND, DEAF, DEFECTIVE AND EPILEPTIC CHILDREN.

(a) BLIND.

72. At the present time 13 Blind and Partially Blind children are being maintained in Institutions for the Blind, no new cases being admitted during the year.

(b) DEAF AND DUMB.

73. 17 Deaf and Dumb children are at present maintained in Institutions, a reduction of one on the previous year. Two new cases were admitted during the year.

(c) MENTALLY DEFECTIVE.

74. Twenty new cases referred by Teachers or School Attendance Officers have been examined and are classified as follows :—

Imbeciles or Idiots.	Feeble-minded.	Not Certifiable.
4	15	1

75. During the year 6 cases have been notified to the Local Authority as being ineducable, two of these being low-grade feeble-minded children and 4 imbeciles.

76. No educable feeble-minded children were sent to Residential Schools during the year, great difficulty being experienced in finding places for such children.

77. The Special Day School for Feeble-minded children held in the Wesleyan School Room, Cambridge Street, Rugby, and referred to in my last Annual Report, has now been open for twelve months. There are at present 22 children in attendance, drawn mostly from Rugby and New Bilton.

78. The progress made by the majority of the children is in itself evidence of the interest taken in this work by the Head Teacher, Mrs. Welch. Many are already able to read and write, who last year did not know one letter from another, while others shew a special aptitude for manual work.

79. When further provision can be made for educable feeble-minded children, a residential home might well be maintained in the neighbourhood of this school for say 20 children selected from various parts of the County. Advantage could then be taken of this excellent school, the value of which should increase from year to year.

80. Your Committee is indebted to the Warwickshire Branch of the Association for the Care of the Feeble-minded for the excellent work that is being done under the Secretaryship of Miss Walford. The services of voluntary workers all over the County have been enlisted, all certified cases being kept under observation in their homes. When it is remembered that many of these children are so defective that, both in their own interests and in the interests of the ratepayers, they should be maintained in Residential Schools until they reach the age of 16 years, and since no cases can be maintained in such schools at present, there is much to be done in looking after the welfare of these children, all of which falls entirely on this Voluntary Association.

MEDICAL INSPECTION IN SECONDARY SCHOOLS.

81. This has been continued on the same lines as formerly, each Secondary School being visited twice in the year. The principal routine inspection is held as far as possible during the Spring term, when Entrants are examined and all children of 12 years of age and over. A second visit is made during the Autumn term for the purpose of re-inspecting those found defective at the previous visit, newly admitted children since the last examination being also medically inspected on this occasion.

82. 1,312 children were inspected during the year ; 298 Boys and 1,014 Girls.

FINDINGS OF MEDICAL INSPECTION.

(a) UNCLEANLINESS.

83. In only two instances was it found necessary to notify the parents in respect of dirty heads. This is an improvement on the previous year, when eight were notified for uncleanness.

(b) TONSILS AND ADENOIDS.

84. 101 cases of Enlarged Tonsils and Adenoids were referred for treatment, 7·6 per cent., and of these 44 per cent. received treatment.

(c) VISION.

85. 75 cases of Defective Vision were referred for treatment, and on re-inspection it was found that nearly 70 per cent. had received treatment. No case of Squint was discovered during the year.

(d) EAR DISEASE AND HEARING.

86. In six cases Hearing was sufficiently defective to require treatment.

(e) DENTAL DEFECT.

87. 112 cases of Dental caries were referred for treatment.

(f) CRIPPLING DEFECTS.

88. 52 children were referred for treatment on account of the following deformities : Scoliosis, 18 ; Kyphosis, 5 ; Lordosis, 7 ; and other forms, including Flat-foot, etc., 22.

MEDICAL TREATMENT.

89. It is gratifying to find that, during this, the second, year of Medical Inspection at Secondary Schools, greater attention has been paid by the parents to the recommendations of the Medical Officers for treatment. Re-inspection of children found defective shews that 64 per cent. received treatment and benefited from it, as compared with 57 per cent. during the previous year.

90. Some interesting remarks on Treatment are contained in the following Report by Dr. Katherine Scott on the Medical Inspection of Girls in Secondary and Continuation Schools :—

91. “ Medical Inspection has been carried out in the five Secondary Schools for Girls which come under the County's jurisdiction and in the two Day Continuation Schools at Rugby and Stratford-on-Avon.

92. “ In the Secondary Schools 1,079 individual children were examined, 65 of these being boys of Kindergarten age. The girls examined in the Continuation Schools numbered 139.

93. “ Among Secondary School Girls a good standard of personal cleanliness is maintained, only two cases of unclean heads having to be notified. Oral hygiene, however, is not so diligently practised as it might be, and the amount of pyorrhœa amongst the older girls seemed to me to be excessive.

94. “ The greatest number of defects found were those of Nose and Throat, followed closely by defects of Vision.

95. “ At re-examination of defectives it was gratifying to find that a considerably greater percentage of cases obtained treatment than during the previous year ; 78% of cases of defective Vision, 77% of Deformities and 41% of defects of Nose and Throat had been remedied or improved. The drop to 41% in Nose and Throat cases treated is due partly to the reluctance of the average parent to contemplate operative treatment, and partly to the varying opinions of the Medical practitioners as to what constitutes necessity for operation. I should like to emphasise the high percentage of treatment with good results in the cases of deformity. Most of these are cases of spinal curvature and flat foot, and it is wholly due to the efforts of the Gymnastic Mistress that 77% of them are improved if not cured.

96. “ The general cleanliness of the girls in Rugby Day Continuation School left very much to be desired. Here again the majority of defects found were those of Nose and Throat and Vision.

97. “ Re-examination of the Day Continuation Schools has so far been impossible and there is therefore no evidence of treatment of defects found.

98. “ In the course of the year I have made special examinations throughout the County of :—

(i) Bursars and Scholars	..	..	..	..	45
(ii) Pupil Teachers	..	..	..	..	35
(iii) Student Teachers	..	..	..	..	3
(iv) Supplementary Teachers	..	..	..	..	52
(v) Teachers (ill)	..	..	..	..	2
					<hr/>
					137
					<hr/>

99. “ Of the 52 Supplementary Teachers, only two raised any objection to the carrying out of the examination, the others indeed being quite pleased to escape the paying of a doctor’s fee.

100. “ The School Clinics at Stockton and Windmill Lane, Foleshill, started in May and June, 1921, have, I think, justified their existence. The latter, especially, deals with a great many children, and the Teachers declare that the period of absence for such ailments as impetigo and scabies are considerably shortened since the Clinics came into being.”

TABLE OF RE-EXAMINATIONS.

SECONDARY SCHOOLS.

					Remedied.	Improved.	Unchanged.	Total.
Clothing	..	..	..	..	—	—	—	—
Footgear	..	..	..	..	—	—	—	—
Cleanliness of Head	..	..	..	..	1	—	—	1
Cleanliness of Body	..	..	..	..	—	—	—	—
Nutrition	..	..	..	..	—	—	1	1
Nose and Throat	..	..	..	..	15	14	36	65
External Eye Disease	..	..	..	..	—	—	—	—
Ear Disease	..	..	..	..	1	1	—	2
Teeth	..	..	..	..	12	5	5	22
Heart and Circulation	..	..	..	..	—	1	3	4
Lungs	..	..	..	..	1	1	—	2
Nervous System	..	..	..	..	—	—	—	—
Skin	..	..	..	..	2	—	—	2
Rickets	..	..	..	..	—	—	—	—
Deformities	..	..	..	..	8	14	4	26
Tuberculosis—non-pulmonary	..	..	..	..	—	—	—	—
Speech	..	..	..	..	—	—	—	—
Mental Condition	..	..	..	..	—	—	—	—
Vision and Squint	..	..	..	..	15	21	16	52
Hearing	..	..	..	..	—	1	1	2
Miscellaneous	..	..	..	..	4	9	4	17
					59	67	70	196

CO-OPERATION OF PARENTS.

101. Only 144 Parents attended Medical Inspection, 10·9 per cent., as compared with 22 per cent. in the previous year. Very few parents troubled to attend the examination of children over 12 years of age who had been medically inspected last year and found perfectly fit.

MEDICAL INSPECTION IN DAY CONTINUATION SCHOOLS.

SCOPE OF MEDICAL INSPECTION.

102. Rugby and Stratford-on-Avon.—One Inspection of all Pupils at both Schools—of the Males and 4 Girls by Dr. Fyfe, Males by Dr. Roberts, and of the Females by Dr. Scott, as follows :—

				Male.	Female.	Total.
Dr. Fyfe	..	..	..	107	4	111
Dr. Roberts	..	..	..	24	—	24
Dr. Scott	..	..	..	—	139	139
Total	..	..	..	131	143	274

FINDINGS OF MEDICAL INSPECTION.

- (a) *Uncleanliness*.—Head, 3 ; Body, 1.
- (b) *Tonsils and Adenoids*.—22 referred for treatment, or 8 per cent.
- (c) *Vision*.—17 referred for treatment, or 6·2 per cent. *Squint*.—Nil.
- (d) *Ear Disease and Hearing*.—No Defective Hearing, 1 Otitis Media.
- (e) *Dental Defect*.—41 referred for treatment.
- (f) *Crippling Defects*.—13 Deformities referred for treatment, 1 Spinal Curvature, 12 other forms.

RE-EXAMINATIONS.—NOT YET CARRIED OUT.

CO-OPERATION OF PARENTS.

Parents present, 26—or 9·4 per cent.

EXAMINATION OF BURSARS, PUPIL TEACHERS, ETC.

103. During the year the following Special Examinations have been made :—

Student Teachers	..	..	..	..	..	4
Pupil Teachers	..	..	..	..	..	46
Bursars	..	..	..	..	..	65
Supplementary Teachers	..	..	..	..	..	55
Junior Candidate Scholarships	..	..	..	..	..	1
Examination of Teachers (illness)	..	..	..	..	..	5
Total						176

EXTRACTS FROM REPORTS OF THE ASSISTANT COUNTY MEDICAL OFFICERS.

104. DR. BRACEY, reporting on Medical Inspection in the Northern part of the County, says :—

“ Medical Inspection during 1921, in the North Division of Warwickshire, has followed the same general lines as in former years, every Department has been visited at least once and most of them several times.

105. “ The defects found have been much as in previous years, but increased work has been thrown on me by the large number of special reports required by the attendance department, often necessitating special visits for the examination of one or two children ; it is doubtful in many instances if the results of these visits have justified their expense.

106. “ Treatment of Tonsils and Adenoids remains the same as last year, and I should like to congratulate the Medical Men who have operated on these cases on the successful results obtained. In comparatively few of the many cases I have re-examined has less than a complete cure resulted, and these mostly among neglected and unfavourable cases.

107. “ The treatment of errors of refraction remains unchanged, the number of cases refracted by me was 123, compared with 142 last year, the slight reduction being due to pressure of other work making it necessary to postpone over twenty cases, which applied for treatment in the last two months of the year, till after the Christmas holidays.

108. “ NOTES ON SCHOOL PREMISES.—One School was excessively dirty, and this was made the subject of a special report, otherwise some serious attempt is being made in almost every School to maintain a decent standard of cleanliness.

109. “ My remarks about minor sanitary defects, pail closets, overcrowding, cloak-rooms, fire-guards, heating apparatus, soap and towels, desks, ventilation, play-sheds, and accommodation for the mid-day meal in last year’s report still apply.

110. “ During the year several army huts have been adapted as an extension of the accommodation of Elementary Schools, they are about 20 by 60 feet, and usually a small passage cloak-room is devised in the middle leaving two class-rooms about 20 by 26 feet. The provision of these has relieved the congestion at some schools very much, and in temperate weather they are quite comfortable, but they are hot in summer, cold and draughty in winter, the ventilation is poor, and worst of all the window lighting is seriously below the standard recommended for school-rooms. In one case this is mitigated

by the provision of really effective artificial lighting, but in most cases this has not been provided. I consider that the use of these and other badly lighted rooms is a serious menace to children's eyes and that steps should be taken to provide really effective artificial light where it does not exist already."

111. DR. L. L. FYFE, reporting on Medical Inspection in the Rugby Division of the County, says :—

"I beg to report that during the year 1921 I carried out the Medical Inspection in 92 Elementary Schools in the Eastern Division of the County.

112. "A total of 4,175 children was examined in these schools.

113. "In addition I carried out a Medical Inspection in the Rugby Continuation School and also in the School for Mentally Deficient Children at Rugby.

114. "The general health and physique of the children was, on the whole, satisfactory.

115. "Only nine children were noted as suffering from mal-nutrition. This is particularly gratifying when one considers the large amount of unemployment there has been in the district.

116. "As in previous years, defective vision proved to be the most frequent defect found.

117. "Next in importance was enlarged tonsils and adenoids.

118. "It is gratifying to find that full advantage is being taken of the facilities provided by the County Council for the treatment of these conditions.

119. "It is quite a rarity to find a case of Pulmonary Tuberculosis at a routine Medical Inspection.

120. "During the year only two definite and ten suspected cases were found.

121. "In this connection however it must be remembered that many cases of Pulmonary Tuberculosis are detected by private doctors and excluded from school, and consequently do not appear in the returns of the School Medical Officer.

122. "There is still a regrettably large number of cases of Pediculosis, Scabies and Impetigo. If more attention were paid to general cleanliness such conditions would be largely eliminated.

123. "The vaccination state of children in Elementary Schools appears to be becoming worse every year.

124. "The general sanitary condition of the Schools is, on the whole, satisfactory, but many are badly in need of re-painting and re-decoration, and are certainly not the example in cleanliness they ought to be.

125. "Parents were present at 43% of the examinations. The two School Clinics under my charge—Rugby and Bedworth—have been largely attended, the total attendances being 1,093 and 1,673 respectively."

126. DR. LLOYD ROBERTS, reporting on Medical Inspection in the Southern Division, says :—

"I have invariably been received with courtesy and kindness by the Teachers and Parents in the Schools.

127. "The number of Schools in which closure is necessitated on account of Medical Inspection is six—Napton Boys', Wolverton, Chesterton, Wootton Wawen C.E., Shuckburgh and Walton—owing to the School having only one room.

128. "The buildings generally are in a very good state of repair, although the Teachers complain of the need for cleaning and painting, etc., but there is little to complain of as far as the outbuildings are concerned, with the exception of the cloakrooms, which in most of the Schools want enlarging, or a re-arrangement of the pegs, as the clothes of the children overlap, therefore giving encouragement to the spread of Scabies, Ringworm, Lice, etc.

129. "The playground at Salford Priors C.E. School covers an area of less than half the size required for the number of children attending the School, and the position of the drinking water pump in the yard should be attended to, as the water may at any time become seriously polluted."

CONCLUSION.

130. The outstanding features in connection with the School Medical Service during the year 1921 are the following :—

(1) The large number of Elementary School Children Medically Examined—18,903—exceeding even the figure of the previous year by one thousand.

(2) The advantage taken of the facilities provided by the Education Committee for the treatment of defects, such as Enlarged Tonsils and Adenoids, Defective Vision, Ringworm, etc.

(3) The usefulness of the eight Minor Ailments Clinics, at which the total attendances during the year registered 6,866.

(4) The need for further facilities for the X-ray treatment of Ringworm, especially to serve the Northern Division of the County.

(5) The difficulty experienced in the collection of parents' contributions towards the cost of treatment provided by the Education Committee, which is at present largely undertaken by the School Nurses. Much of their valuable time is spent in this debt collecting process, a practice which, experience shews, militates seriously against their usefulness as Health Missioners.

131. I am again deeply indebted to the Director of Education for his help and co-operation in all matters affecting the School Medical Service, and I take this opportunity of thanking the Chief School Attendance Officer, the Teachers and all members of my Staff for their united efforts in making the year's work so pleasant and, I hope, fruitful. My thanks are also due to your Committee for the continued interest taken in the work of my department, and for the consideration at all times shewn to me in my capacity as School Medical Officer.

I have the honour to remain,

Your obedient servant,

A. HAMILTON WOOD, M.D., D.P.H.,

School Medical Officer.

**Table I. Number of Children Inspected, 1st January, 1921,
to 31st December, 1921.**

ELEMENTARY SCHOOLS.

A.—ROUTINE MEDICAL INSPECTION.

		ENTRANTS.					Total.	Intermediate Group. 8
Age.		3.	4.	5.	6.	Other Ages.		
Boys	...	39	316	865	776	396	2,392	1,746
Girls	...	58	244	811	760	421	2,294	1,560
Totals	...	97	560	1,676	1,536	817	4,686	3,306

LEAVERS.

B.

Age.	12.	13.	14.	Other Ages.	Total.	Grand Total.	Special Inspections.	Re-Examinations (i.e. No. of Children Re-examined).
Boys	933	1,001	147	402	2,483	6,621	2,116	—
Girls	856	940	151	487	2,434	6,288	2,032	—
Totals	1,789	1,941	298	889	4,917	12,909	4,148	1,846

C. Number of Individual Children Inspected 18,903

Table II. Return of Defects found in the Course of Medical Inspection in 1921—Elementary Schools.

Defect or Disease.	ROUTINE INSPECTIONS.		SPECIALS.	
	Number referred for Treatment.	Number requiring to be kept under observation but not referred for Treatment.	Number referred for Treatment.	Number requiring to be kept under observation, but not referred for Treatment.
(1)	(2)	(3)	(4)	(5)
MALNUTRITION	16	8	4	2
UNCLEANLINESS—Head	289	—	221	—
Body	19	—	10	—
SKIN—Ringworm, Head	20	—	137	—
Body	1	—	65	—
Scabies	20	2	92	—
Impetigo	39	1	821	1
Other Diseases (Non-Tubercular) ...	12	3	311	—
EYE—Blepharitis	19	1	39	—
Conjunctivitis	4	1	18	1
Keratitis	—	—	1	—
Corneal Ulcer	1	—	10	—
Corneal Opacities	—	1	1	1
Defective Vision	479	75	170	30
Squint	75	18	35	7
Other conditions	9	2	30	—
EAR—Defective Hearing	92	10	65	13
Otitis Media	38	7	34	2
Other Ear Diseases	23	2	22	5
NOSE AND THROAT—				
Enlarged Tonsils	485	295	149	26
Adenoids	96	8	50	—
Enlarged Tonsils and Adenoids ...	123	3	60	—
Other Conditions	83	6	81	4
ENLARGED CERVICAL GLANDS (Non-Tubercular)	11	19	36	5
DEFECTIVE SPEECH	1	7	2	—
TEETH (Dental Disease)	73	21	34	—
HEART AND CIRCULATION—				
Heart Disease—Organic	47	15	12	4
Ditto Functional	2	2	4	—
Anæmia	15	1	50	—
LUNGS—Bronchitis	12	—	15	—
Other Non-Tubercular Diseases ...	7	4	8	—
TUBERCULOSIS—				
Pulmonary—Definite	5	—	5	—
Ditto Suspected	19	7	20	—
Non-Pulmonary, Glands	1	—	10	—
Spine	—	—	1	—
Hip	1	—	8	—
Other Bones & Joints	1	—	3	1
Skin	—	—	—	—
Other Forms	—	—	4	—
NERVOUS SYSTEM—Epilepsy	2	—	4	—
Chorea	5	1	17	—
Other Conditions	3	1	16	1
DEFORMITIES—Rickets	—	—	—	—
Spinal Curvature	5	1	2	—
Other Forms	16	4	8	1
Other Defects and Diseases	191	43	439	9
Number of Individual Children having defects which required Treatment, or to be kept under observation	2081	523	3170	101

**Table III.—Numerical Return of all Exceptional Children in the
Area in 1921—Elementary Schools.**

			Boys.	Girls.	Total.	
Blind. (including partially blind).			Attending Public Elementary Schools Attending Certified Schools for the Blind Not at School	— —	13	
Deaf and Dumb. (including partially deaf).			Attending Public Elementary Schools Attending Certified Schools for the Deaf Not at School	— —	17	
Mentally Deficient.	Feeble Minded.	Attending Public Elementary Schools Attending Certified Schools for Mentally Defective Children ... Notified to the Local (Control) Authority during the year ... Not at School	— —	— —	22 2	
		Imbeciles.	At School Not at School Notified to Local (Control) Authority	— —	Nil —	— 4
			Idiots.			
	Epileptics.			Attending Public Elementary Schools Attending Certified Schools for Epileptics Not at School	— Nil	—
	Physically Defective.	Pulmonary Tuberculosis.	Attending Public Elementary Schools Attending Certified Schools for Physically Defective Children Not at School	— —	Nil	—
Other forms of Tuberculosis.		Attending Public Elementary Schools Attending Certified Schools for Physically Defective Children Not at School	— —	Nil	—	
Cripples other than Tubercular.		Attending Public Elementary Schools Attending Certified Schools for Physically Defective Children Not at School	— —	Nil	—	

Table IV.—Treatment of Defects of Children during 1921.
A.—Treatment of Minor Ailments—Elementary Schools.

Disease or Defect.	Number of Children.			
	Referred for Treatment	Treated.		
		Under Local Education Authority's Scheme.	Otherwise.	Total.
SKIN :—				
Ringworm—Head	134	134	—	—
Ringworm—Body	65	65	—	—
Scabies	90	90	—	—
Impetigo	811	811	—	—
Minor Injuries	—	—	—	—
OTHER SKIN DISEASES	307	307	—	—
EAR DISEASE	36	36	—	—
EYE DISEASE (external and other)	87	87	—	—
MISCELLANEOUS	409	409	—	—

B.—Treatment of Visual Defect.

Number of Children.									
Referred to refract'n	Submitted to Refraction.				For whom glasses pre-scribed.	For whom glasses were provided	Received Treat-ment other than by glasses.	Received other forms of treatm't	For whom no treat't was con-sidered necessary
	Under L.E.A. Scheme, Clinic or Hosp'l.	Private Pract-itioner or Hosp'l.	Other-wise.	Total.					
759	549	111	—	660	536	536	34	28	52

C.—Treatment of Nose and Throat—Elementary Schools.

Referred for Treatment.	NUMBER OF CHILDREN.			
	Received operative treatment.			Received other forms of treatment.
	Under Local Education Authority's Scheme, Clinic or Hospital.	By Private Practitioner or Hospital.	Total.	
963	571	—	571	148

D.—Treatment of Dental Defects—Elementary Schools.

Number of children dealt with and particulars of time given and of operations undertaken.

	AGE GROUPS.										OTHER AGFS.	TOTAL.
	5	6	7	8	9	10	11	12	13	14		
1. Inspected by Dentist ...	—	914	752	637	132	92	53	61	47	—	—	2688
2. Referred for Treatment ...	—	578	606	412	72	51	38	49	40	—	—	1846
3. Actually treated ...	—	326	328	294	46	43	27	32	37	—	—	1133
4. Re-treated ...	—	89	73	31	14	8	—	—	—	—	—	215
5. No. of half-days devoted to Inspection							73		
6. No. of half-days devoted to Treatment							310		
7. No. of attendances by children at Clinic							1958		
8. No. of Extractions—Permanent						278		
Temporary						2846		
9. No. of Fillings—Permanent				119		
Temporary				124		
10. Total No. of Fillings			243		
11. No. of administrations of General Anæsthetics included in (8)										49		
12. No. of other operations—Permanent						26	Scalings	
Temporary						139	Dressings, etc.	

Table V.—Summary of Treatment of Defects as shewn in Table IV. (A., B., C., D. and F., but excluding E.)—Elementary Schools.

Disease or Defect.	Number of Children.			
	Referred for Treatment.	Treated.		
		Under Local Education Authority's Scheme.	Otherwise.	Total.
Minor Ailments	1939	1939	—	1939
Visual Defects	759	549	111	660
Defects of Nose and Throat	963	571	148	719
Dental Defects	1846	1133	—	1133
Other Defects	—	—	—	—
Total	5507	4192	259	4451

**Table VI.—Summary relating to Children Medically Inspected at the Routine Inspections during the Year 1921.
ELEMENTARY SCHOOLS.**

(1) The total number of children medically inspected at the routine inspections	12,909
(2) The number of children in (1) suffering from :—	
Malnutrition	148
Skin Disease	148
Defective Vision (including Squint)	1,179
Eye Disease	78
Defective Hearing	190
Ear Disease	144
Nose and Throat Disease	1,602
Enlarged Cervical Glands (non-tubercular)	329
Defective Speech	63
Dental Disease	1,458
Heart Disease—	
Organic	101
Functional	17
Anæmia	60
Lung Disease (non-tubercular)	56
Tuberculosis—	
Pulmonary { Definite	3
{ Suspected	38
Non-pulmonary	5
Disease of the Nervous System	21
Deformities	118
Other Defects and Diseases (including Catamenia 5).. ..	454
(3) The number of children in (1) suffering from defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment) ..	523
(4) The number of children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.)	1,762
(5) The number of children in (4) who received treatment for one or more defects (excluding uncleanliness, defective clothing, etc.)	1,375

TABLE VII.

Cases at School Clinics—Referred for Treatment. Elementary Schools.

			Atherstone.	Bedworth.	Foleshill.	Kenilworth.	Polesworth.	Rugby.	Stockton.	Stratford-on-Avon.	Warwick.	TOTALS—Clinics.	Medical Inspection.	GRAND TOTAL.
Malnutrition	...	...	—	—	—	—	1	—	—	—	—	1	3	4
Uncleanliness—Head	...	...	55	36	—	33	16	20	—	20	7	187	34	221
	Body	...	—	2	—	—	—	—	—	6	1	9	1	10
SKIN—Ringworm, Head	...	...	40	7	8	9	3	45	—	13	9	134	3	137
	Body	...	4	8	3	5	—	24	3	7	11	65	—	65
Scabies	...	...	17	16	11	8	10	23	—	—	5	90	2	92
Impetigo	...	...	41	237	70	28	30	195	28	62	120	811	10	821
Other Diseases (Non-Tubercular)	...	...	124	85	7	11	47	18	3	12	—	307	4	311
EYE—Blepharitis	...	...	4	6	3	5	4	2	3	1	6	34	5	39
Conjunctivitis	...	...	—	5	—	3	4	2	—	3	—	17	1	18
Keratitis	...	...	—	1	—	—	—	—	—	—	—	1	—	1
Corneal Ulcer	...	...	—	4	1	—	1	3	—	—	—	9	1	10
Corneal Opacities	...	...	—	—	—	—	—	1	—	—	—	1	—	1
Defective Vision	...	...	1	6	1	4	8	2	—	4	7	33	137	170
Squint	...	...	—	2	1	2	2	2	—	5	—	14	21	35
Other conditions	...	...	4	4	1	2	—	5	—	1	8	25	5	30
EAR—Defective Hearing	...	...	5	—	—	—	—	2	—	—	—	7	58	65
Otitis Media	...	...	1	8	—	1	—	5	—	1	5	21	13	34
Other Ear Diseases	...	...	1	—	1	1	1	6	1	—	4	15	7	22
NOSE AND THROAT—														
Enlarged Tonsils	...	...	3	2	1	3	3	4	—	7	1	24	125	149
Adenoids	...	...	1	—	3	1	1	2	—	2	2	12	38	50
Enlarged Tonsils and Adenoids	...	...	5	4	4	2	3	4	—	6	4	32	28	60
Other conditions	...	...	8	9	4	4	1	24	—	—	1	51	30	81
Enlarged Cervical Glands (Non-Tubercular)	...	...	12	—	1	1	2	8	—	2	6	32	4	36
Defective Speech	...	...	—	—	1	—	—	1	—	—	—	2	—	2
Teeth (Dental Disease)	...	...	2	5	1	1	1	11	—	2	—	23	11	34
HEART AND CIRCULATION—														
Heart Disease—Organic	...	...	—	—	—	1	—	6	—	1	—	8	4	12
Ditto Functional	...	...	—	—	—	—	—	2	—	—	—	2	2	4
Anæmia	...	...	—	1	4	7	2	30	—	—	2	46	4	50
LUNGS—														
Bronchitis—	...	...	—	2	2	—	1	7	—	—	1	13	2	15
Other Non-Tubercular Diseases	...	...	—	1	1	2	—	1	—	—	1	6	2	8
TUBERCULOSIS—														
Pulmonary—Definite	...	...	—	1	2	—	—	1	—	—	—	4	1	5
Ditto Suspected	...	...	—	4	2	—	—	10	—	—	1	17	3	20
Non-Pulmonary, Glands	...	...	1	1	—	1	—	4	—	1	2	10	—	10
Spine	...	...	—	—	—	—	—	1	—	—	—	1	—	1
Hip	...	...	1	1	—	—	1	5	—	—	—	8	—	8
Other Bones & Joints	...	...	—	—	—	—	—	1	—	—	—	1	2	3
Skin	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Other Forms	...	...	1	1	—	—	—	—	—	—	—	2	2	4
NERVOUS SYSTEM—														
Epilepsy	...	...	—	1	—	1	—	1	—	—	1	4	—	4
Chorea	...	...	1	1	2	1	3	7	—	2	—	17	—	17
Other Conditions	...	...	—	6	4	2	—	3	—	1	—	16	—	16
DEFORMITIES—														
Rickets	...	...	—	—	—	—	—	—	—	—	—	—	—	—
Spinal Curvature	...	...	—	—	—	1	—	1	—	—	—	2	—	2
Other Forms	...	...	—	2	—	2	2	—	—	—	—	6	2	8
Other Defects and Diseases	...	...	44	88	31	34	17	49	7	22	117	409	30	439
No. of individual children	...	...	468	552	170	194	170	568	40	180	317	2659	511	3170

Table VIII.

Tabular Statement of Work undertaken by

	Total No. of Defective Cases Reported by the S.M.O.		Total No. otherwise Notified.	Total No. of Visits made.	Total No. of Cases Unvisited—i.e., Left School, Removed, Not Seen, Not Found.	Total No. of Cases Treated.
	Cases first reported. 1921.	Cases left over from previous years.				
	3514	606	7136	7025	402	10198

Sub-Divisions.	No. of Cases.	Vision.				Adenoids and Tonsils.			Deafness and Otorrhœa.	
		Spectacles obtained.	Medical advice obtained.	Other-wise Treated.	Not Treated.	Medical advice obtained.	No. of operations.	No advice obtained.	Medi-cally Treated.	Not Treated.
I. Miss Hughes	742	43	43	5	22	50	37	36	14	4
II. Miss Stevenson	359	10	12	—	2	39	35	9	3	—
III. Miss Chorlton	631	98	98	1	13	116	108	50	12	9
IV. Miss Pakes	325	5	6	6	14	12	12	9	4	4
V. Miss Baker	725	28	69	1	45	44	39	81	4	7
VI. Miss Jeffrey	830	46	67	1	8	71	58	17	5	—
VII. Miss Butler	1520	28	31	2	32	48	35	21	25	4
VIII. Miss Hunter	173	23	25	3	4	18	7	25	2	1
IX. Miss Wheatley	690	36	47	5	4	52	37	26	9	1
X. Miss Day	294	19	16	5	14	8	6	7	1	—
XI. Miss Hodges	523	12	12	—	16	14	14	36	4	—
XII. Mrs. Perren	1391	31	34	—	56	29	27	45	4	—
XIII. Miss Stevenson	520	29	31	—	2	34	26	4	3	2
XIV. Miss Tustin	858	53	89	5	—	30	18	13	13	1
XV. Miss Wheatley } Miss Fletcher }	219	12	14	—	6	10	8	10	1	1
XVI. Miss Phipps	1289	61	61	—	20	126	87	11	21	14
XVII. Miss Page	167	2	5	—	1	18	10	7	—	1
Totals	11256	536	660	34	259	719	564	407	125	49

Percentages for the year 1921 72·8 63·9 71·8

Percentages for the year 1920 81·4 68·1 72·6

The totals under Vision—Spectacles obtained—536, and under Adenoids and Tonsils—Number of Operations—564, are not included in calculating the percentages under these two headings. The figures 536 being included in 660, medical advice obtained ; and 564 in 719, medical advice obtained.

Table VIII.

Tabular Statement of Work undertaken by

the Health Visitors and School Nurses during 1921.--Elementary Schools.

Total No. of Defective Cases Reported by the S.M.O.		Total No. otherwise Notified.	Total No. of Visits made.	Total No. of Cases Unvisited—i.e., Left School, Removed, Not Seen, Not Found.	Total No. of Cases Treated.		Total No. of Cases Untreated.	Total No. of Children Examined in School.	Total No. of Medical Inspections attended at the Schools.	No. of cases Reported to the N.S.P.C.C.	No. of Health Talks given.	No. of Children seen at School Clinics.	Health Visitors Attendances at School Clinics.	General Remarks.
Cases first reported. 1921.	Cases left over from previous years.													
3514	606	7136	7025	402	10198		1058	20989	571	23	343	4017	608	

ANALYSIS.

Sub-Divisions.				No. of Cases.	Vision.				Adenoids and Tonsils.			Deafness and Otorrhœa.			Anæmia, Debility.		Heart Disease.		Incp't Phthisis & Tub'culosis.		Spinal, etc., Defects.		Verminous and Ulcerated H'ds.		Heads infected with Nits.		Scabies.		Impetigo.		Ringworm.			Defective Teeth.			Neglected Children.		Other Diseases.	
					Spectacles obtained.	Medical advice obtained.	Other-wise Trea-ted.	Not Trea-ted.	Medical advice ob-tained.	No. of opera-tions.	No advice ob-tained.	Medi-cally Trea-ted.	Not Trea-ted.		Medi-cally Trea-ted.	Not Trea-ted.	Medi-cally Trea-ted.	Not Trea-ted.	Medi-cally Trea-ted.	Not Trea-ted.	Medi-cally Trea-ted.	Not Trea-ted.	Trea-ted.	Not Trea-ted.	Trea-ted.	Not Trea-ted.	Trea-ted.	Not Trea-ted.	Trea-ted.	Not Trea-ted.	Medical advice ob-tained.	X Rays.	Home Treat-ment.	No Treat-ment.	Trea-ted.	Not Trea-ted.	Im-proved.	Not Im-proved.	Trea-ted.	Not Trea-ted.
I.	Miss Hughes	742	43	43	5	22	50	37	36	14	4	10	—	7	—	12	—	2	—	115	—	94	—	14	—	76	—	20	5	1	—	148	—	3	—	55	11
II.	Miss Stevenson	359	10	12	—	2	39	35	9	3	—	2	—	1	—	10	—	1	—	65	—	193	—	—	—	7	—	2	1	—	—	—	—	5	—	6	2
III.	Miss Chorlton	631	98	98	1	13	116	108	50	12	9	5	—	1	—	12	—	—	—	12	—	66	2	15	—	37	—	22	5	6	—	2	9	4	1	118	20
IV.	Miss Pakes	325	5	6	6	14	12	12	9	4	4	2	—	4	—	8	—	2	—	17	—	83	—	21	—	37	—	10	2	24	—	—	4	12	—	46	—
V	Miss Baker	725	28	69	1	45	44	39	81	4	7	7	2	2	4	9	3	2	3	3	3	36	25	28	2	218	6	29	8	5	—	1	4	—	4	52	26
VI	Miss Jeffrey	830	46	67	1	8	71	58	17	5	—	7	2	9	—	4	—	3	1	36	2	209	—	26	—	67	—	23	1	4	—	179	1	3	—	80	5
VII.	Miss Butler	1520	28	31	2	32	48	35	21	25	4	64	—	19	—	23	—	5	—	91	—	31	—	49	—	316	—	137	51	17	—	381	—	20	2	175	27
VIII.	Miss Hunter	173	23	25	3	4	18	7	25	2	1	—	—	2	—	—	—	1	1	10	—	12	—	12	—	19	—	6	—	—	—	—	—	2	—	25	5
IX.	Miss Wheatley	690	36	47	5	4	52	37	26	9	1	1	—	2	—	1	—	1	—	60	—	66	6	7	—	86	—	22	6	2	—	210	4	11	1	64	2
X.	Miss Day	294	19	16	5	14	8	6	7	1	—	2	—	1	—	1	—	1	—	88	—	76	—	4	—	28	—	2	—	—	—	2	—	1	—	34	3
XI.	Miss Hodges	523	12	12	—	16	14	14	36	4	—	1	—	5	—	1	—	1	1	28	—	122	20	21	—	62	60	7	2	7	2	49	42	3	1	7	1
XII.	Mrs. Perren	1391	31	34	—	56	29	27	45	4	—	6	—	6	—	22	—	—	—	128	—	702	—	20	—	214	—	32	1	—	—	—	—	16	—	77	—
XIII.	Miss Stevenson	520	29	31	—	2	34	26	4	3	2	1	—	—	—	9	—	—	—	83	—	162	—	12	—	49	—	3	—	—	—	70	—	8	—	47	—
XIV.	Miss Tustin	858	53	89	5	—	30	18	13	13	1	48	—	4	—	6	—	—	—	20	—	113	—	18	—	247	—	30	5	8	—	30	—	3	—	180	—
XV.	Miss Wheatley } Miss Fletcher }	219	12	14	—	6	10	8	10	1	1	—	—	—	—	—	—	—	—	7	—	17	—	2	—	47	1	15	6	2	—	67	—	1	—	16	2
XVI.	Miss Phipps	1289	61	61	—	20	126	87	11	21	14	3	—	—	—	6	—	—	—	180	—	112	—	30	—	81	—	57	24	33	—	229	7	1	—	280	17
XVII.	Miss Page	167	2	5	—	1	18	10	7	—	1	—	—	—	—	—	—	—	—	6	—	12	—	3	—	10	—	2	2	2	—	4	—	10	—	86	—
Totals				11256	536	660	34	259	719	564	407	125	49		159	4	63	4	124	3	19	6	949	5	2106	53	282	2	1601	67	419	119	111	2	1372	71	103	9	1348	121

Percentages for the year 1921	...	...	...	72·8					63·9			71·8
Percentages for the year 1920	...	...	...	81·4					68·1			72·6

The totals under Vision—Spectacles obtained—536, and under Adenoids and Tonsils—Number of Operations—564, are not included in calculating the percentages under these two headings. The figures 536 being included in 660, medical advice obtained ; and 564 in 719, medical advice obtained.

Total number of cases notified excluding heads	...	...	...	8143
„ „ „ treated	„	„	...	7143
Percentage 87·7				
Total number of cases notified	...	...	...	11256
„ „ „ treated	...	...	...	10198
Percentage 90·6				

MILDRED S. LOWE,
Superintendent.

**Table I.—Number of Children inspected. 1st January, 1921,
to 31st December, 1921.**

SECONDARY SCHOOLS.

A.—ROUTINE MEDICAL INSPECTION.									
	Age	5.	6.	7.	8.	9.	10.	11.	12.
Boys	11	15	14	8	7	11	26	44
Girls	4	26	15	20	19	27	59	125
Totals	15	41	29	28	26	38	85	169
	Age	13.	14.	15.	16.	17.	18.	19.	Total.
Boys	49	54	22	18	7	1	—	287
Girls	184	184	166	86	59	33	7	1,014
Totals	233	238	188	104	66	34	7	1,301
B									
Special Inspections.				Re-examinations (i.e. No. of Children Re-examined.					
Boys	11	—					
Girls	—	—					
Totals	11	196					

C.—NUMBER OF INDIVIDUAL CHILDREN INSPECTED—1,508.

**Table II.—Return of Defects.
Secondary Schools, 1921.**

Defect or Disease. (1)	ROUTINE INSPECTIONS.		SPECIALS.	
	Number referred for Treatment. (2)	Number requiring to be kept under obser- vation but not re- ferred for Treatment. (3)	Number referred for Treatment. (4)	Number requiring to be kept under obser- vation, but not re- ferred for Treatment. (5)
MALNUTRITION	2	—	—	—
UNCLEANLINESS—Head	2	—	—	—
Body	—	—	—	—
SKIN—Ringworm, Head	—	—	—	—
Body	—	—	—	—
Scabies	1	—	—	—
Impetigo	—	—	—	—
Other Diseases (Non-Tubercular)	1	—	—	—
EYE—Blepharitis	—	—	—	—
Conjunctivitis	1	—	—	—
Keratitis	—	—	—	—
Corneal Ulcer	—	—	—	—
Corneal Opacities	—	—	—	—
Defective Vision	75	—	—	—
Squint	—	—	—	—
Other conditions	—	—	—	—
EAR—Defective Hearing	5	—	1	—
Otitis Media	—	—	—	—
Other Ear Diseases	1	—	1	—
NOSE AND THROAT—				
Enlarged Tonsils	47	8	1	—
Adenoids	7	—	—	—
Enlarged Tonsils and Adenoids	46	—	1	—
Other Conditions	25	—	—	—
ENLARGED CERVICAL GLANDS (Non-Tuber- cular)	1	—	—	—
DEFECTIVE SPEECH	—	—	—	—
TEETH (Dental Disease)	112	—	—	—
HEART AND CIRCULATION—				
Heart Disease—Organic	12	—	1	—
Ditto Functional	2	—	—	—
Anæmia	11	—	1	—
LUNGS—Bronchitis	—	1	—	—
Other Non-Tubercular Diseases	—	—	—	—
TUBERCULOSIS—				
Pulmonary—Definite	—	—	—	—
Ditto Suspected	—	—	—	—
Non-Pulmonary, Glands	—	—	—	—
Spine	—	—	—	—
Hip	—	—	—	—
Other Bones & Joints	—	—	—	—
Skin	—	—	—	—
Other Forms	—	—	—	—
NERVOUS SYSTEM—Epilepsy	—	—	—	—
Chorea	—	—	—	—
Other Conditions	—	—	—	—
DEFORMITIES—Rickets	—	—	—	—
Spinal Curvature	30	—	—	—
Other Forms	22	2	—	—
Other Defects and Diseases	22	2	—	—
Number of Individual Children having defects which required Treatment, or to be kept under observation	381	13	4	—

**Table VI.—Summary relating to Children Medically Inspected at the
Routine Inspections during the Year 1921.
SECONDARY SCHOOLS.**

(1)	The total number of children medically inspected at the routine inspections								1,301
(2)	The number of children in (1) suffering from :—								
	Malnutrition	..	..	..	..	..	..	..	3
	Skin Disease	..	..	..	..	..	..	..	21
	Defective Vision (including Squint)	..	..	..	..	..	..	..	198
	Eye Disease	..	..	..	..	..	..	..	11
	Defective Hearing	..	..	..	..	..	..	..	10
	Ear Disease	..	..	..	..	..	..	..	8
	Nose and Throat Disease	..	..	..	..	..	..	..	361
	Enlarged Cervical Glands (non-tubercular)	..	..	..	..	..	..	..	198
	Defective Speech	..	..	..	..	..	..	..	3
	Dental Disease	..	..	..	..	..	..	..	130
	Heart Disease—								
	Organic	..	..	..	..	..	..	..	34
	Functional	..	..	..	..	..	..	..	5
	Anæmia	..	..	..	..	..	..	..	54
	Lung Disease (non-tubercular)	..	..	..	..	..	..	..	3
	{ Tuberculosis—								
	Pulmonary { Definite	..	..	..	..	..	..	..	—
	{ Suspected	..	..	..	..	..	..	..	2
	Non-pulmonary	..	..	..	..	..	..	..	1
	Disease of the Nervous System	..	..	..	..	..	..	..	—
	Deformities	..	..	..	..	..	..	..	115
	Other Defects and Diseases(including Catamenia 5)	..	..						119
(3)	The number of children in (1) suffering from defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment) ..								13
(4)	The number of children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.)								379
(5)	The number of children in (4) who received treatment for one or more defects (excluding uncleanliness, defective clothing, etc.)								125

**Table I.—Number of Children inspected. 1st January, 1921,
to 31st December, 1921.**

DAY CONTINUATION SCHOOLS.									
A.—ROUTINE MEDICAL INSPECTION.									
			Age	14.	15.	16.	17.	18.	Total.
Boys	44	78	9	—	—	131
Girls	58	82	2	—	1	143
				—	—	—	—	—	—
Totals	102	160	11	—	1	274
				—	—	—	—	—	—
B.—SPECIAL INSPECTIONS— —.									
C.—NUMBER OF INDIVIDUAL CHILDREN INSPECTED—274.									

**Table II.—Return of Defects.
Day Continuation Schools, 1921.**

Defect or Disease.	ROUTINE INSPECTIONS.		SPECIALS.	
	Number referred for Treatment.	Number requiring to be kept under obser- vation but not re- ferred for Treatment.	Number referred for Treatment.	Number requiring to be kept under obser- vation, but not re- ferred for Treatment.
(1)	(2)	(3)	(4)	(5)
MALNUTRITION	3	—	—	—
UNCLEANLINESS—Head	3	—	—	—
Body	1	—	—	—
SKIN—Ringworm, Head	—	—	—	—
Body	—	—	—	—
Scabies	—	—	—	—
Impetigo	—	—	—	—
Other Diseases (Non-Tubercular)	—	—	—	—
EYE—Blepharitis	1	—	—	—
Conjunctivitis	—	—	—	—
Keratitis	—	—	—	—
Corneal Ulcer	—	—	—	—
Corneal Opacities	—	—	—	—
Defective Vision	17	—	—	—
Squint	—	—	—	—
Other Conditions	—	—	—	—
EAR—Defective Hearing	—	—	—	—
Otitis Media	1	—	—	—
Other Ear Diseases	—	—	—	—
NOSE AND THROAT—				
Enlarged Tonsils	11	—	—	—
Adenoids	4	—	—	—
Enlarged Tonsils and Adenoids	7	—	—	—
Other Conditions	7	—	—	—
ENLARGED CERVICAL GLANDS (Non-Tuber- cular)	—	—	—	—
DEFECTIVE SPEECH	—	—	—	—
TEETH (Dental Disease)	41	—	—	—
HEART AND CIRCULATION—				
Heart Disease—Organic	5	—	—	—
Ditto Functional	2	—	—	—
Anæmia	3	—	—	—
LUNGS—Bronchitis	—	—	—	—
Other Non-Tubercular Diseases	—	—	—	—
TUBERCULOSIS—				
Pulmonary—Definite	—	—	—	—
Ditto Suspected	—	—	—	—
Non-Pulmonary, Glands	—	—	—	—
Spine	—	—	—	—
Hip	—	—	—	—
Other Bones & Joints	—	—	—	—
Skin	—	—	—	—
Other Forms	—	—	—	—
NERVOUS SYSTEM—Epilepsy	—	—	—	—
Chorea	—	—	—	—
Other Conditions	—	—	—	—
DEFORMITIES—Rickets	—	—	—	—
Spinal Curvature	1	—	—	—
Other Forms	12	—	—	—
Other Defects and Diseases (including Catamenia 4)	6	—	—	—
Number of Individual Children having defects which required Treatment, or to be kept under observation	89	—	—	—

**Table VI.—Summary relating to Children Medically Inspected at the
Routine Inspections during the Year 1921.**

DAY CONTINUATION SCHOOLS.

(1) The total number of children medically inspected at the routine inspections	274
(2) The number of children in (1) suffering from :—	
Malnutrition	1
Skin Disease	5
Defective Vision (including Squint)	52
Eye Disease	3
Defective Hearing	3
Ear Disease	2
Nose and Throat Disease	70
Enlarged Cervical Glands (non-tubercular)	11
Defective Speech	2
Dental Disease	70
Heart Disease—	
Organic	13
Functional	5
Anæmia	12
Lung Disease (non-tubercular)	1
(Tuberculosis—	
Pulmonary { Definite	—
{ Suspected	2
Non-pulmonary	1
Disease of the Nervous System	2
Deformities	52
Other Defects and Diseases (including Catamenia 9) ..	13
(3) The number of children in (1) suffering from defects (other than uncleanliness or defective clothing or footgear) who require to be kept under observation (but not referred for treatment) ..	—
(4) The number of children in (1) who were referred for treatment (excluding uncleanliness, defective clothing, etc.)	89
(5) The number of children in (4) who received treatment for one or more defects (excluding uncleanliness, defective clothing, etc.)	—

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